



The Raleigh Amateur Radio Society's **EXCITER**

GET INVOLVED

- RARS General Membership meeting: Second Tuesday of the month.
- The RARS net meets every night except Saturday @ 8 p.m. on 146.640.
- The RARS Technical & Trader's net: Saturdays @ 8:00 PM on 146.64.
- RARS meets for a monthly dinner on the First Tuesday of each month.



PUBLIC SERVICE EVENTS

Interested in helping? Visit
<http://www.rars.org/public-service.php>

frequently for our 2015
ham public service
schedule.

Also see [page 19](#) for more info.

RARS General Meeting

Topic: The Elecraft KX3 transceiver by Bert Michaud, N4CW

Date: April 14, 2015

Time: Meeting at 7:30 p.m.

Informal gathering and refreshments from 7 - 7:30 p.m.

Where: Ridge Road Baptist Church. 2011 Ridge Rd., Raleigh

New HAM / Elmer meeting, 6:00 p.m. before member meeting

Tadd Torborg, KA2DEW, Elmer Coordinator

President's Message

At our last Board meeting, Greg KE4PAX, our treasurer, noted that we have 369 members – the largest club in North Carolina. That prompted some discussion over the fact that we can hardly get enough people to work a two-hour shift at RARSfest. We struggle to get enough people at Field Day. Public Service events are often understaffed. We have about 60 people at our Member Meetings. It seems the same people are doing the work. Some members have been members for a longtime and “been there, done that” and they have earned the right to sit back and take it easy. The rest of us need to take look and see what our contribution to RARS is besides paying

[Continued on page 4](#)

RARS Officers

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The Raleigh Amateur Radio Society

The Raleigh Amateur Radio Society, Inc. (RARS) was founded in 1969 and continues to serve and support the amateur radio community in the greater Triangle area. In 1999, the society incorporated a new RARS and obtained 501(c)(3) non-profit tax status.

The objectives of the club are to promote worldwide friendship through amateur radio; to be of public service by providing radio communications in times of disaster, emergency, or civic needs; to educate members in radio technique, and to provide training classes to assist in obtaining amateur radio licenses.

Anyone interested in amateur radio is eligible to apply for membership. Dues for regular licensed amateurs are \$18 per year (from July 1 through June 30). Additional immediate family members pay \$5 each per year. Dues for licensed amateurs older than 59 or younger than 16 are \$12 per year. Dues for non-licensed associate members are \$9 per year. Applications for membership may be obtained from the treasurer or on the RARS website (www.rars.org).

Exciter

The Exciter is the official newsletter of the Raleigh Amateur Radio Society. It appears each month as a PDF on the RARS website at www.rars.org. Members receive email notification when the latest version is available. Please provide your email address to the Treasurer.

The Exciter welcomes articles, advertisements, and other contributions. To submit a piece to the newsletter, please contact the Editor. The Editor reserves the right to edit any and all pieces. The submission deadline for each month's Exciter is the third Friday of the preceding month. All submissions must be final. Drafts are not accepted.

The views expressed in the Exciter are those of the individual authors and do not necessarily reflect the views of the Editor or RARS.

Tom Lewis, N4TL, editor (editor@rars.org)

For Your Information

RARS General Meeting

Date: **Second** Tuesday of each month

Location: Ridge Road Baptist Church 2011
Ridge Road Raleigh, NC, 27607

Time: People begin arriving at 7 p.m. The meeting officially begins at 7:30 p.m.

RARS Monthly Dinner

Join us on the **first** Tuesday of each month for the RARS dinner. It's open to everyone: RARS members, non- members, friends, and family. Feel free to bring your little ones! Dinner begins at 6:30 p.m.

Listen to the nightly RARS net and check www.rars.org for details on the next dinner's location.

RARS Repeaters in Raleigh

146.640 & 443.625 (88.5 PL)

Join us for the nightly RARS net at 8 p.m. on the 146.640 repeater. All hams holding a Technician class license or higher are invited to check in. We welcome both RARS and non-RARS members to the net.

VE Testing

The RARS VEs will accept walk-in testing in February, May, August and November at 5:30PM, prior to RARS membership meetings at Ridge Road Baptist Church; the RARSFest in April; the Cary Swapfest in July; the JARS-Fest in November; and following RARS license classes. Please bring a photo ID, your original and a copy of your current license, your \$14 exam fee, and any valid CSCEs that prove passing elements beyond that of your current license. Visit www.rars.org for more information.

RARS April Birthdays

Paul	KO4LZ	04/01
Roger	KB4FEU	04/02
Ray	K2HYD	04/02
Paul	N1XI	04/02
Bob	W4TTX	04/03
Brad	KM4AMX	04/07
Henry	WB2AGA	04/08
Rick	KB4RZ	04/09
Julie	KT4JR	04/09
Dennis	NC4DK	04/10
Bob	K2QJ	04/11
Mike	KK4QMA	04/12
Ian	NOIAN	04/13
Frank	N3FRP	04/14
James	N7JLS	04/15
Cindy	KB8LVU	04/15
Albert	N4AGG	04/16
Dick	KB1HIW	04/17
Ryan	N7RYN	04/17
Robert	KG4BDX	04/18
Kirk	KI4RK	04/19
John	W4WWD	04/20
Glen	K1GW	04/22
Joanne	AK4RJ	04/23
Pete	KI4LWQ	04/23
Dave	KG4OPZ	04/24
Jim	W8JB	04/24
Matt	KB3HAW	04/25
Don	WA4AVU	04/26
Charlie	WA4OSS	04/27
Joe	KT4JOE	04/27
Michael	KM4ASA	04/28
John	NC4JP	04/29
Stan	WA2KQY	04/29
Richard	KM4ASD	04/30

dues. We are an Amateur Radio club. The Board, the various committees and our meeting programs are about making our club relevant to our members and the community within the practice of Amateur Radio. This effort and opportunity can only be achieved through member involvement. Hams don't get paid to be hams; hams don't have to be hams, hams are doing it

for the enjoyment of doing "ham things." We hope that being active in RARS is one of those ham things for you. Come and join in the fun.

Amateur Radio, pass it on.
Murray, K4MHM

RARS New Members

Name	Call	Name	Call
Chuck Till Jr	KM4IFO	John Reynolds	KM4IFW
Brian Walsh	KM4IFP	Steven Scarbel	KM4IFX
Mattie Rose Crowder	KM4IFQ	Dale Wright Jr	KM4IFY
Ash DeVane III	KM4IFR	William Hughes	KM4IIW
Justin Easter	KM4IFS	Ed Epley	KE4YEM
Darren Flynn	KM4IFT	Mario de Aranzeta	N4TSV
Erech Grunder	KM4IFU	Cliff Kirkhart	KA7NSU
Bill Jenrette	KM4IFV	Steve Court	No License

Education Director

We just finished up the Technician Class course. It had 34 students. Twenty-two took the exam with 20 passing and two of them also passing the General Class exam. The General Class course is scheduled to start May 9 followed by another

Technician Class course starting Jul 11. If you are interested in either of those courses e-mail Murray at k4mhm @ arrl.net and let him know and he'll put you on the e-contact list for the course.

Murray, K4MHM



Future RARS 2015 Meeting Topics

May 12, What is EMC and Why It Is Important for Radio Operators Jay Diepenbrock (KM4EP) with input from Dr. Bruce Archambeault

June 9, Field Day update.

Titles, topics, and speakers subject to change.

2015 RARSfest

The 2015 RARSFest is history. Thanks to everyone who helped out and made the event a success. Below is a list of prize and fox Hunt Winners.

RARSFest 2015 Prize and Fox Hunt Winners				
10:00	Pre-registration	\$100	Jim Sylivant	K4CPW
11:00	Hourly	\$100	Sandra Linder	KC4TBQ
12:00	Hourly	\$100	Kelly Ferguson	
1:00	Hourly	\$100	Steve Misel	K4WEB
2:00	Hourly	\$100	Preston Ingalls	
3:00	Grand Prize	\$400	Don Krieger	K4ZXM
	Fox Hunt	\$30	Steve Jenkins	W4MGT



N4TL photo



ARRL officers, left to right

Bill Morine, N2COP, ARRL Vice Director Roanoke Division, Karl Bowman, W4CHX, ARRL NC Section Manager, Ed Hare, W1RFI, ARRL Laboratory Supervisor, Dr. Jim Boehner, N2ZZ, ARRL Director Roanoke Division



Morse code practice station

Joanne, AK4RJ, RARS Food Service Chair (left)

Murray, K4MHM, RARS President (right)

RARSFest pictures by N4TL



2015 RARSFest
Bill, AK4BL, RARS At-Large Director (left)
Raymond, KK4OOQ, RARS At-Large Director (right)

Bill, AK4BL, RARS At-Large Director (left)
Raymond, KK4OOQ, RARS At-Large Director (right)



2015 RARSFest



2015 RARSFest
Stan and Stephanie Winston
ESRC1 Tubes

ESRC1 Tubes, Stan and Stephanie Winston



2015 RARSFest



2015 RARSFest
Collins 75A-4 Receiver



2015 RARSFest
CJ, NC4CJ (left)
Smitty, K4ACS (right)

CJ, NC4CJ, RARS Past President (left)
Smitty, K4ACS (right)

More RARSFest picture
next month

RARSFest pictures by N4TL

A Wake Tech Odyssey

by Brian Young - KA9QJT

On Saturday, March 7th, an adventuresome group of 16 Hams gathered for a new twist on an old March theme: The Eastern Region Odyssey of the Mind Tournament. The "twist" being that this years' tournament moved from the Chapel Hill "trifecta" location (C.H. High School, Middle School and Seawell Elementary School combined) to a new location at the Wake Technical Community College main campus, location south of Raleigh.

With the lousy weather the area experienced just prior to the event, the promised high temperatures in the 50s and sunshine were a welcome change. And frankly, so was the new location for the tournament. Most of the Hams that volunteered this year were veterans of the Chapel Hill location and its challenges that we experienced for several years in a row. The Wake Tech campus brought the performances, student teams, teachers, parents and grandparents a LOT closer together. That didn't mean that

the radio communications was a cake walk, though. The performances were held in multiple rooms spread across four different buildings. Concrete and steel was everywhere.

Student teams, from primary age (K-2) through High School ages, compete by presenting their solution to a "thinking" problem they've prepared for in advance. They also are given a spontaneous challenge to see how they think on their feet - much like how the Hams tackled interesting little challenges throughout the day.

This year's Odyssey of the Mind problems had names such as "Runaway Train", "Experiencing Technical Difficulties", "Pandora's Box", "Lose Your Marbles" and "Silent Movie". For the K-2 students: "Wacky Weather Warning". The little ones were a bit late on that weather warning, perhaps. Hi Hi

Hams assisting with the tournament were assigned to specific performance locations in one the four buildings, handling traffic to and from the OOM judges

located there. Others chased the Regional Director, Co-Tournament Director and "Tech Support" person around all day - putting on miles of "shadow" experience in the process.

The Score Room and Registration/Info Desk were also busy Ham assignments throughout the day, as was Hospitality (You can never have starving judges, OOM officials and Hams.) As in previous years, the event was expertly coordinated through a Net Control station. With a last minute switch-up of volunteers, the Net Control station was moved from a planned parking lot location, to one located within an inside room. A dual-band radio and mag-mount antenna affixed to an Emeril Lagasse-endorsed baking sheet did a fine job! The crossband repeater out in one of the parking lots helped fill in some of the gaps to and from the more distant locations.

This year's tournament was an awesome success and the Hams were highly complemented for their participation and ability to think on their feet to help

make sure the little issues at the new location didn't turn into big issues. I'd like to thank the following Hams for their dedication to the success to the event: Kenn Kubacki - KK4OSI, Paul Lukosuis - N9PL, Phil Cunningham - AE4PC, Jay Diepenbrock - KM4EP, Michael Thurman - KB7NLA, Neill Laney - KK4TTR, Ray Albers - K2HYD, Charles Galloway - W4DBI, Tana Wooten - KB3UTX, Chris McCormick - N3JHR, Dick Orander - KD4ISC, Wade Gutreuter - KW4EMG, Dave Eckert - KB8V, Ian Hewitt - NOIAN and Larry Holt - KG4FIQ. The 2016 tournament is just around the corner and I look forward to working with such a fine bunch of Hams again.



"Wade - KW4EMG sporting one of the requisite "funny hats" made especially for the event"



"The 2015 Odyssey of the Mind Ham Team"



"Charles - W4DBI and Neill - KK4TTR showing their assignment flexibility by pointing the way to the restrooms for the 977th time"

"Michael - KB7NLA enjoying a donut to cap off a very successful day in the Score Room"



NC Ham Public Service Photos

MINUTES

General Membership Meeting Raleigh Amateur Radio Society March 10, 2015

1. Call to order: Murray K4MHM called the meeting to order at 7:31 PM. There were 52 members in attendance which constituted a quorum.
2. Approval of minutes: The minutes of the general membership meetings of February 10, 2015 were approved as presented.
3. Murray K4MHM introduced new members and guests. There were five guests. New members John KM4IFW and Pat Walker, Cliff KA7NSU, Marc Barden, Marc N4TSV, Alexander Lsyenda, KM4IIZ.
4. Health and Welfare: Murray noted Jack N6UYB is back in surgery. No prognoses as of yet. Tom's (N4TL) brother has passed away.
5. President's Remarks: Murray reported on the activities that are being taken to have a current rars-I list, Murray urged people to volunteer to help at RARSFest. Also plan to participate in Field Day.
6. Secretary's report (Bob K4YXM) no report
7. Treasurer's report (Greg KE4PAX): RARS currently has 363 members. We are currently the largest club in N.C. If anyone has any questions regarding assets and liabilities, please contact Greg KE4PAX or Murray K4MHM for additional information.
8. Reports and announcements from RARS Board members and others:
 - a. Public Service: First event last Saturday Odyssey of the Mind. Next event on same day as RARSfest with is Spring Fling. Check the event schedule on the RARS web site.
 - b. Education: Just finishing up a Tech class. General class will start in May. See the Exciter for schedule details. Introduced the new "Elmer" Coordinator - Tadd, KA2DEW.
 - c. RARSFest: C.J. needs volunteers to manage RARS consignment table.
 - d. Set up, take down for RARS meeting. Raymond needs helping to set up and take down the tables and chairs.
 - e. ARRL: Chuck K4HF ARRL is looking for input to revise the band plans for HF. They are looking for input to give to the FCC.
 - f. ARRL Section Manager: Karl W4CHX asked ARRL members to participate in lobbying their representatives to support the Amateur Radio Parity Act.
 - g. Repeaters: Karl W4CHX all equipment is with Danny Hampton to act to getting it programmed and set up and ready to install. He reported that it has taken a long time and we need to get it done and we may have to install the equipment by ourselves. Murray asked for a motion to express the club's support for Karl as he moves forward on installation with Danny or independently of Danny.

Motion was made, seconded and passed.

- h. RARSFest: John AI4RT introduced the team leaders and asked that members volunteer to help as they could. He also remarked on the importance of RARSfest to the club financially. Chuck K4HF also discussed support for vendors who support RARSfest as well as supporting less experienced members is selecting equipment for purchased at the event.
- i. NC QSO Party: Marty W4MY reported on participation in the event. Results should be available by the end of March.
- j. Field Day: June 27 and 28 with set up on the 26. Will be held at the same place as last year. Dennis, NC4DK asked everyone to participate this year.

9. Gift Raffle: Winners were Curt W4CP and Tim KD4MVC

10. Program: Murray recognized the following club members for their contributions to RARS.

- a. A plaque for Candy J. Orr, NC4CJ – In appreciation as RARS President, 2014
- b. Cathy Downs, KA3QPU – In appreciation as RARS Exciter Editor, 2012 - 2014
- c. Don Downs, WA4AVU – In appreciation as RARS Director at Large, 2010 – 2014
- d. Jack Foster, N6UYB - In appreciation as RARS Director at Large, 2011 – 2014
- e. Karl Bowman, W4CHX – In appreciation of his ongoing work as RARS Repeater Chairman
- f. Charles Good, KM4AMT – In appreciation as the RARS Scouting Coordinator
- g. Raymond Lefrancois, KK4OOQ – In appreciation as the RARS Good Will Ambassador
- h. Samuel H. Johnson, Esq., NC4SJ – For his Assistance with the Proposed Amendment to the Raleigh UDO Regarding Accommodation of Amateur Radio Antennas and Support Structures
- i. Clyde Holt, III, Esq. - For his Assistance with the Proposed Amendment to the Raleigh UDO Regarding Accommodation of Amateur Radio Antennas and Support Structures
- j. David Crawford, KF4VXJ – In appreciation for sending to ARRL W1AW reception reports for several years
- k. Joe Squashic, W4TTO – In appreciation as a RARS NTS Trainer and Net Control Station.
- l. Jeff Wittich, AC4ZO – In appreciation for being the long term Moderator of the RARS List Reflectors.
- m. Darin Figurskey, KC2IPY – Meteorologist-in Charge Raleigh NWS for his continuing support of the SKYWARN Programs
- n. Frank Pleshe, N3FRP – for his serving as the Wake County Emergency Coordinator for ARES/ Auxcomm 2012 to 2014.
- o. Karl Bowman, W4CHX – In appreciation for his work on the RARS Repeater.
- p. Bob Chapman, NC1X – In appreciation for his work on the RARS Repeater Shed
- q. Sally Chapman – In appreciation for her work on the RARS Repeater Shed
- r. Joanne Mars, AK4JR - In appreciation for his work on the RARS Repeater Shed
- i. Bob Chew, K4YXM - In appreciation for his work on the RARS Repeater Shed

- j. Robert Chew - In appreciation for his work on the RARS Repeater Shed
- k. Alan Pitegoff, AB4OZ - In appreciation for his work on the RARS Repeater Shed
- l. Cliff Broughton, W4FT – In appreciation of his work on the RARS Repeater System
- m. Tom Magnani, K2UCU - In appreciation for his work on the RARS Repeater Shed
- n. Jack Foster, N6UYB - In appreciation for his work on the RARS Repeater Shed
- o. Dennis Bodson, W4PWF – in appreciation of his serving as the ARRL Roanoke Division Vice - Director then Director, 1993 to 2014.
- p. Dr. Jim Boehner, N2ZZ – in appreciation of his serving as the ARRL Roanoke Division Vice-Director from 2010 to 2014.

11. Adjournment: The meeting was adjourned at approximately 8:58 PM. Murray asked all new members to come to the front of the room so all could greet them personally.

Respectfully Submitted from recoding
Bob Chew, K4YXM, RARS Secretary

2015 Hamfests and conventions

05/23/2015 DurHamFest
Location Bahama NC
Website: <http://dfma.org>

05/09/2015 | [Rockingham County ARC Swapfest](#)
Location: Reidsville, NC
Type: ARRL Hamfest
Sponsor: Rockingham County Amateur Radio Club
Website: <http://www.n4iv.org>

05/16/2015 | [FreeGate 2015](#)
Location: Greensboro, NC
Type: ARRL Hamfest
Sponsor: Qorvo Amateur Radio Club
Website: <http://www.kd4rf.org>

06/13/2015 | [Winston-Salem Hamfest](#)
Location: Winston-Salem, NC
Type: ARRL Hamfest
Sponsor: Forsyth Amateur Radio Club
Website: <http://www.w4nc.com>

07/11/2015 | [30th Annual Firecracker Hamfest](#)
Location: Salisbury, NC
Type: ARRL Hamfest
Sponsor: Rowan Amateur Radio Society
Website: <http://www.rowanars.org>

07/18/2015 | [Mid-Summer SWAPFEST](#)
Location: Cary, NC
Type: ARRL Hamfest
Sponsor: Cary Amateur Radio Club
Website: <http://www.qsl.net/n4nc>

09/05/2015 | [Roanoke Division Convention \(Shelby Hamfest\)](#)
Location: Shelby, NC
Type: ARRL Convention
Sponsor: Shelby Amateur Radio Club
Website: <http://shelbyhamfest.org>

Minutes

Board of Directors Meeting Raleigh Amateur Radio Society March 2, 2015

Present: C.J. NC4CJ, Chuck K4HF, Joanne AK4RJ, Bill AK4BL, Murray K4MHM, Charles KM4AMT, John AI4RT, Raymond KK4OOQ, Greg KE4PAX

Regrets: Tom N4TL

Guest: Alan AB4OZ

1. Call to order (Murray K4MHM): The meeting was called to order at 7:43 pm.
2. A quorum was present.
3. Approval of minutes (Murray K4MHM): The minutes of the January 20, 2015 meeting were approved as corrected.

Action Item: Bob to revise minutes as approved.

4. The agenda was approved as submitted
5. Vice President's report (Tom N4TL): No report
6. Treasurer's report (Greg KE4PAX): Greg reported that RARS has 350 members. Revenue is a little behind last year at this time – donations are down. More invoices may be coming as a result of the purchase of the final components for the repeaters

Action Item 1: Greg will add the URL for online membership payment to the new membership form and forward it to Raymond.

Action Item 2: Greg will query Karl Bowman if there are or will be more outstanding invoices pertaining to RARS Repeater purchases

7. Secretary's report (Bob K4YXM): No report
8. Committee reports:
 - a. Public Service Director (John AI4RT): 20 public service events are confirmed for 2015. The first is Odyssey of the Mind which is scheduled for March 7.
 - b. Education Director (Murray K4MHM): 34 students are enrolled in the Technician Level training class. Thanks to Curtis W4CP and Bob German KB4RBG for serving as additional instructors and for taking over training for future Technician Level courses. This allows Mike, WA4BPJ, to concentrate on the General and Extra level courses.
 - c. Public Information Officer (Charles KM4AMT): Charles provided a quote for a self-inking stamp to be used on literature at \$37.00. After discussion the Board decided to use labels

Action Item: Raymond will experiment with fonts and font sizes using peel-and-stick labels. The test labels will be available for the Board to review by the next Board meeting

Charles developed a draft informational brochure which he can get designed, printed on glossy paper and folded for about .50 cents a copy.

Action Item: The Board voted to allow Charles up to \$250.00 to negotiate the design, printing and folding of RARS brochures to be available for RARSFest

Charles asked if RARS had a Facebook and Twitter account. It is possible that Justin Pinnix AJ4MJ set up a Facebook account for RARS. He also suggested videoing RARS events. Gary Pearce, KN4AQ, did some done for events in the past and they may be available.

Immediate Past President (CJ NC4CJ): No report.

d. Director-at-Large (Bill AK4BL): No report

e. Director-at-Large (Raymond KK4OOQ): Raymond requested a clear copy of the RARS logo. He developed a form for New Hams to complete to help identify their needs. New hams may want help choosing a radio at the RARSFest.

Action Item 1: Charles will send the RARS logo to Raymond

Action Item 2: Raymond will use a sign-in sheet to survey those who attend the 6:00 New Ham and Elmer meeting for what they want to learn

Action Item 3: Chuck suggested New Hams come to the RARS booth to request help locating ham equipment.

f. ARRL liaison Chuck K4HF: ARRL is looking for member input on possible modifications to the current HF band plans. Things such as class of license privileges or operating modes might be considered. Further details are on the ARRL Website.

g. ARRL NC Section Mgr. (Karl W4CHX): No Report

h. Scouting Coordinator (Charles KM4AMT): No report however Murray did say that he and Charles were looking at the requirements for earning Scout merit badges and stripes online.

i. FM Repeater Chair (Karl W4CHX): No report.

j. Exciter Chair (Tom N4TL): No report

k. Food Service Chair (Joanne AK4RJ): Joanne will provide cake and drinks for the Birthday meeting.

l. Webmaster (Hank K4HM): Murray reviewed Hank's written report showing a great deal of work on the website and RARSfest support.

m. RARS Fest: (vacant): John reported on the progress of RARSfest and the effort of the team leaders, but there is still a need for volunteers.

n. Field Day Chair (Dennis NC4DK): No Report

- o. North Carolina QSO Party (Marty W4MY): No Report
- p. W4DW/W4RNC Trustee (Jeff AC4ZO): No report
- q. Net Manager (Mary KG4OQA): No report

9. Old business:

- a. Karl: Antenna advocacy efforts with City of Raleigh. No report
- b. Murray reported that Karl is developing a list of repeater items which should be insured
- c. The Board agreed to remove non-renewing members from the membership roster and any other lists on Oct 15 of each year in accordance with the bylaws. Greg stated that he follows the October 15th requirement. Non-renewing members will no longer be able to access the membership section of the web site nor will they receive the Exciter.
- d. Bill: Maker Faire may be set for 2015, however, few details are available. The Maker Faire web-site indicated that it will occur in 2015.

10. New business:

- a. RARSalert describes how RARS officers communicate with members in the event of an emergency. In the short term Gary KN4AQ can manually halt the meeting messages for both club and Board meetings. Once the new repeaters are online it will be much easier to change the messages which the repeaters send out. Hank has worked on the web site to be able to have an alert on the front page. There seems to be away to phone the repeater to make announcements.
- b. Bylaws issues:
- c. Electronic meetings. Chuck is exploring if/how other clubs use electronic meeting participation
- d. Presidential appointments. The Board clarified that the President may make appointments to non-officer or director levels and must notify the Board of the appointments.
- e. Members can be utilized to serve the Board on a temporary basis but they do not have voting privileges. Technically these individuals are not on the board but they receive all necessary information to complete their tasks and may eventually be nominated and voted on later.
- f. Expediting Board minutes into the Exciter might require that Board meetings precede club meetings each month. The President could put pertinent items in the "Message" in the Exciter
- g. White paper dated February 2012 is not the form which is located on the web site. The Board agreed that the copy (dated February 2012) should be the official copy on the web site
- h. Murray asked each Board member to submit a job description sufficient enough for a newly elected officer to get their bearings
- i. Murray informed the Board that he had appointed Tadd Torborg, KA2DEW, as Elmer Coordinator.
- j. Joanne Mars asked for board members suggestions for a possible RARS shirt for members. She received several ideas and will report back to the Board at a future Board meeting.

11. Additional Business:

- a. Raymond and Bob currently have electronic copies of the sign-in forms and it was decided copies (digital form is acceptable) of the previous calendar year should be kept by the Secretary for two years.
- b. Greg will meet with Chuck and Murray to add them as RARS account signatories on the bank account.

- c. The Board decided there was no need for a back up to the Exciter editor.
- d. Joanne polled Board members about polo shirts with a RARS logo. The Board gave her some suggestions to pursue

12. Adjournment (Murray K4MHM): The meeting was adjourned at 9:48 pm.

Respectfully submitted,
CJ, Orr, NC4CJ

Upcoming Contests

Rookie Roundup

The Rookie Roundup returns to SSB on Sunday, April 19, 1800 UTC through 2359 UTC. This is a great opportunity for new operators to get on the air and learn the skills of contesting. <http://www.arrrl.org/rookie-roundup>

June VHF contest

For amateurs in the US and Canada (and their possessions) to work as many amateur stations in as many different 2 degrees x 1 degree Maidenhead grid squares as possible using authorized frequencies above 50 MHz. Stations outside the US & Canada (and their possessions) may only work stations in the US (and its possessions) and Canada. The second full weekend in June. Begins 1800 UTC Saturday, runs through 0259 UTC Monday (June 13-15, 2015). <http://www.arrrl.org/june-vhf>

*Note: Always check the official rules from the contest sponsor to find the actual dates. More information can be found at these websites.

www.arrrl.org/contests, www.hornucopia.com, www.rars.org/ncqsoparty

Current Public Service Opportunities

To volunteer for a Public Service event please complete the form at <http://www.rars.org/public-service.php>

The Ham Public Service Net meets on Wednesday at 7:30 pm on the Carolina 440 Link System. We use the following repeaters:

441.725(+)(100) – Raleigh, NC Hub
443.450 (+)(100) – Cane Mt., Snow Camp, NC
444.325 (+)(100) – Holly Springs, NC
444.375 (+)(100) - Henderson, NC
444.550 (+)(100) – Coats, NC
444.775 (+)(100 – Cary, NC
444.875 (+)(100) – Wendell, NC
145.330 (-)(100) – Goldsboro, NC
442.250 (+)(107.2) - McCain/Southern Pines, NC
444.200 (+)(179.9) - Johnsonville, NC
444.025 (+)(100) - Benson, NC
442.425 (+)(100) - Buxton, NC

(The net is also accessible through IRLP Reflector 9210)

The Ham Public Service Yahoo Group link is: [Ham Public Service North Carolina](#)

CBC SPRING FLING

April 4, 2015 (Same day as RARSfest) - Saturday, Morrisville, NC

The location for this event is the same, Sams Club in Morrisville, but a new sponsor, Team CBC. There are three cycling routes, 20-50-75 miles. All proceeds benefit the National MS Society. Ham volunteers are needed to provide net control, SAGs and Rest Stop monitoring.

* Location: Sam's Club, 1101 Shiloh Glenn Dr., Morrisville, NC 27560

* Ham Coordinator: John Snellen (ai4rt)

* Ham Operators Meeting: 8:00 AM

* **To Volunteer fill out the form at the [RARS website](#).**

WALK MS 2015

April 11, 2015 - Saturday - PNC Arena, Raleigh, NC

Walk MS connects people living with MS and those who care about them. It is an experience unlike any other - a day to come together, to celebrate the progress we've made and to show the power of our connections.

Ham volunteers for this large walking event are needed for net control, shadows and SAGs.

- * Ham Coordinator: John Snellen (ai4rt)
- * Location: PNC Arena, 1400 Edwards Mill Rd., Raleigh, NC 27607
- * Ham Operators Meeting: 8:00 AM
- * Event website: [Walk MS](#)
- * **To Volunteer fill out the form at the [RARS website](#).**

2015 RAVEN ROCK RAMBLE

May 3, 2015 - Sunday - Harris Lake County Park, New Hill, NC

The Raven Rock Ramble is a century (100-mile) bicycle ride that explores the four-county area (Wake, Harnett, Lee, and Chatham) around Raven Rock State Park. Proceeds from the event benefit the UNC Kidney Center for direct patient services. Ham volunteers are needed for Net Control, SAGs, Rest Stop Monitors and course monitors.

- * Ham Coordinator: John Snellen (ai4rt)
- * Event Website: [Raven Rock](#)
- * Location: Harris Lake Co. Pk., 2112 County Park Dr., New Hill, NC 27562
- * Ham Operators Meeting: 7:30 AM
- * **To Volunteer fill out the form at the [RARS website](#).**

2015 AdA Tour de Cure

May 16-17, 2015 - Sat/Sun - Cary to Southern Pines

A great multi-day event for the hard-core. Race goes from Cary to Southern Pines day 1, then from Southern Pines to Cary on day 2. They anticipate around 7-800 riders this year (a 35% increase). Which means lodging in Southern Pines will be at a premium. Recommended that folks make their reservations as early as possible.

- * Ham Coordinator: Bill Cole (KG4CXY)
- * Location: Garmin Headquarters, 100 Regency Forest Drive, Cary, NC
- * Operators meeting at 6:30 am
- * To volunteer go to: [Carolina Helping Hams](#)

..... MORE EVENTS ARE ON THE WAY... CHECK <http://www.rars.org/public-service.php> OFTEN

The most versatile pieces of equipment for working as a ham volunteer during public service events are as follows:

PRIMARY EQUIPMENT

- * Dual band (144/440) 25 watt (min) mobile transceiver
- * A 1/2-5/8 wave well grounded dual band mobile antenna

EXTRAS THAT ARE HELPFUL

- * Dual Band (144/440) hand held transceiver
- * Extra set of charged batteries
- * Ear phones & speaker mic or boom mic/headphone set
- * Higher gain antenna than the supplied rubber duck. For example Comet BN-24 or SMA-24 or Diamond RHF40 or SRH77CA. There are also many other hi-gain HT antennas available.

Remember to keep those batteries charged and earplugs handy and check back to this site and [Carolina Helping Hams](#) frequently for upcoming events. Hope to see you during one of the events.

73,
John - AI4RT

RARS Classifieds

RARS Members: post a new 30 day listing or edit your current listings at www.rars.org/classifieds.php

The item below was listed within the last 30 days.

Heathkit SB1000

Posted March 17th, 2015 by: KE4YEM

Contact: edepley@charter.net

I have for sale a Heathkit SB1000 that is wired for 120 volts. I have had it for several years with the idea that I would upgrade to general and use the amp. Because of my work schedule I have not done

www.rars.org